AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph on page 1, lines 1-4 with the following.

The invention relates to a method and a simulation system for simulating order processing processes for producing a complex product, in particular a motor vehicle, and to a corresponding computer program product and a corresponding computer-readable storage medium ~~with the features recited in the preamble of claims 1, 16, and 18 to 21~~.

Please delete the paragraph on page 3, lines 9-11.

Please replace the paragraph beginning on page 4, line 23 and concluding on page 5, line 4 with the following.

A computer program product for simulating order processing processes used for producing a complex product, in particular a motor vehicle, includes a computer-readable storage medium for storing a program which enables a computer, after the program is loaded into the memory of the computer, to execute a process for simulating order processing processes for producing a complex product, in particular a motor vehicle, wherein the simulation includes the process steps according to <u>the invention</u> ~~one of the claims 1 to 15~~.

Please replace the paragraph on page 5, lines 5-10 with the following.

For simulating order processing processes used for producing a complex product, in particular a motor vehicle, a computer-readable storage medium is advantageously used which stores a program that enables a computer, after the program is loaded into the memory of the computer, to execute a process for simulating order processing processes for producing a complex product, in particular a motor vehicle, wherein the simulation includes the process steps according to <u>the invention</u>

one of the claims 1 to 15.

Please replace the paragraph on page 5, lines 11-15 with the following.

Of particular advantage is the use of a method for simulating order processing processes according to the invention one of the claims 1 to 15 or of a simulation system according to the invention one of the claims 16 or 17 for determining planning data, such as optimization potentials, decision alternatives, performance figures for delivery times or delivery reliability, utilization of transportation means, costs, and the like.

Please replace the paragraph on page 5, lines 16-20 with the following.

It is also advantageous, when making strategic, tactical and/or operational decisions, to be able to use planning data, such as optimization potentials, decision alternatives, performance figures for delivery times or delivery reliability, utilization of transportation means, costs, and the like, which are provided by a method for simulating order processing processes according to the invention one of the claims 1 to 15 or by a simulation system according to the invention one of the claims 16 to 17.

Please replace the paragraph on page 5, lines 24-28 with the following.

According to another advantageous embodiment of the invention, the demand quantities in step a) of claim 1 are determined by defining a first demand forecast for a first forecast time period, determining a second demand forecast for a second forecast time period with stochastic processes from the first forecast, and determining the demand quantities according to definable algorithms which evaluate the first and/or second demand forecast.

Please replace the paragraph on page 6, lines 1-3 with the following.

Advantageously, the automatic adjustment in step b) of claim 1 can include a correction of the demand quantities for matching them to the manufacturing capacities

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and/or (manufacturing) supply capacities.

Please replace the paragraph on page 6, lines 4-5 with the following.

According to another advantageous embodiment of the method according to the invention, the process steps a) to c) ~~of claim 1~~ include the following steps

Please replace the paragraph on page 7, lines 5-8 with the following.

Advantageously, with the method of the invention, the data generated in steps a) to e) ~~of claim 1~~ can include quantitative evaluations of process designs, assessments of strategies, for example with respect to disruption management, dates for freezing orders, delivery times, delivery reliability, utilization of transportation means and/or costs.

Please replace the paragraph on page 21, lines 13-17 with the following.

In particular, very complex situations require an abstract view of reality when creating a model. The real system can in most cases not <u>be</u> reproduced in detail. It must be checked in this context, what the model can say about the reality, based on the selected degree of abstraction, which ultimately factors in the evaluation of the simulation results and therefore decides the general advantage of the simulation method.

Please replace the paragraph on page 39, lines 9-12 with the following.

The system load generator generates separately for each dealer and as a total at the ~~begin~~ <u>beginning</u> of a sales year a simplified one-time forecast of the number of vehicles that could be sold over the next year. The major equipment features ("heavy items") of the likely required vehicles are characterized in addition of the actual quantities.

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